



Basic Culture Media and Isolation Techniques

Basic Microbiology Curriculum

Sponsored by the Centers for Disease Control and Prevention Laboratory Training Branch

DESCRIPTION

This eLearning course is designed to familiarize laboratorians with basic culture media and isolation techniques used in the microbiology laboratory. Laboratorians will review the different types and forms of culture media, correlate culture media with specimen type, describe the steps of streaking a plate, and identify common problems that occur with culture media and isolation techniques.

AUDIENCE

New or existing public health laboratorians, who have a science background, are entering or reentering the microbiology field and who need training in routine basic culture media essential for performing job requirements.

OBJECTIVES

At the conclusion of this program, the participant will be able to:

- Distinguish enrichment, differential, and selective media
- Review the principles of the most commonly used media
- Contrast various culture media
- Describe the steps of streaking a plate
- Interpret results on various culture media
- Recognize the different types of colonial morphology
- Identify commonly encountered problems with basic culture

REGISTRATION

FREE REGISTRATION

- Locate the course online at www.cdc.gov/labtraining
- Follow the link to register for the course in TRAIN
- If you have difficulty with the online registration process, please email labtraining@cdc.gov
- For additional program information, email labtraining@cdc.gov or call (404) 498-6022

CONTINUING EDUCATION

This course does not offer P.A.C.E® credits. You may receive a course completion certificate without P.A.C.E® credits.

SPECIAL NEEDS

Course content is closed captioned where applicable and optimized for a screen reader.